| | | | LDD | \ m2 |
|-------------|-------------|---|--|---------------------|
| L Number | Hits | Search Text | DB | Time stamp |
| 1 | 661 | ((257/603) or (257/604) or (257/605) or (257/606)).CCLs. | USPAT; US-PGPUB; EPO; JPO; IBM TDB | 2002/06/20 07:10 |
| 2 | 182 | (257/361).CCLS. | USPAT; US-PGPUB; EPO; JPO; | 2002/06/20 07:11 |
| 3 . | 356 | (257/362).CCLS. | IBM_TDB USPAT; US-PGPUB; EPO; JPO; | 2002/06/20 |
| 4 | 181 | ((257/361).CCLS.) not (((257/603) or (257/604) or (257/605) or (257/606)).CCLS.) | IBM_TDB USPAT; US-PGPUB; EPO; JPO; | 2002/06/20 07:26 |
| 5 | 270 | ((257/362).CCLS.) not ((257/361).CCLS.) not (((257/603) or (257/604) or (257/605) or (257/606)).CCLS.) | IBM_TDB USPAT; US-PGPUB; EPO; JPO; IBM TDB | 2002/06/20 07:35 |
| 8 | 332 | (257/363).CCLS. | USPAT; US-PGPUB; EPO; JPO; IBM TDB | 2002/06/20 07:35 |
| 9 | 252 | ((257/363).CCLS.) not ((257/362).CCLS.) not ((257/361).CCLS.) not (((257/603) or (257/604) or (257/605) or (257/606)).CCLS.) | USPAT; US-PGPUB; EPO; JPO; IBM TDB | 2002/06/20 07:58 |
| 12 | 211 | | USPAT; US-PGPUB; EPO; JPO; IBM TDB | 2002/06/20 07:58 |
| 11 | 294 | zener same (subsurface sub-surface buried) | USPAT; US-PGPUB; EPO; JPO; | 2002/06/20 07:58 |
| 13 | 12 | ("3488527" "3566213" "3571630" "3758831" "4398142" "4405932" "4456918" "4495694" "4683483" | IBM_TDB USPAT | 2002/06/20 08:06 |
| 16 | О | "4689651" "4734752" "4948745").PN. 5929503.URPN. | USPAT | 2002/06/20 |
| 17 | 4 | 4441114.URPN. | USPAT | 2002/06/20 |
| 18 | 14 | ("3483441" "3534231" "3584266" "3663874" "3745424" "3881179" "3886579" "4079402" "4127932" "4136349" "4142200" "4153904" "4326211" "4377816").PN. | USPAT | 2002/06/20 08:23 |
| 21 | 18 | 3881179.URPN. | USPAT | 2002/06/20 |
| 22 | 9 | 4393575.URPN. | USPAT | 2002/06/20 |
| _ | 37713 | zener adj diode | USPAT; US-PGPUB; EPO; JPO; | 2002/06/18 |
| - | 327 | (minami-shinichi\$ kamigaki-yoshiaki\$ yasuoka-hideki\$ owada-fukuo\$).in. | IBM_TDB USPAT; US-PGPUB; EPO; JPO; IBM TDB | 2002/06/18 14:15 |
| - | 4 | (zener adj diode) and ((minami-shinichi\$ kamigaki-yoshiaki\$ yasuoka-hideki\$ owada-fukuo\$).in.) | USPAT; US-PGPUB; EPO; JPO; IBM TDB | 2002/06/18 15:20 |
| - | 4 | (zener) and ((minami-shinichi\$ kamigaki-yoshiaki\$ yasuoka-hideki\$ owada-fukuo\$).in.) | USPAT; US-PGPUB; EPO; JPO; IBM_TDB | 2002/06/18 15:20 |

Search History 6/20/02 10:10:09 AM Page 1

| <u>-</u> | | 35 | (breakdown) and ((minami-shinichi\$ | USPAT; | 2002/06/18 |
|----------|----|-------|--|---------------------|------------|
| ŀ | | | kamigaki-yoshiaki\$ yasuoka-hideki\$ | US-PGPUB; | 15:21 |
| | | | owada-fukuo\$).in.) | EPO; JPO; | |
| | | | | IBM TDB | |
| _ | | 91 | (257/606).CCLS. | USPAT; | 2002/06/18 |
| 1 | | | | US-PGPUB; | 17:51 |
| | | | | EPO; JPO; | |
| | | | | IBM TDB | [|
| l | 1. | 7 | 4999683.URPN. | USPAT | 2002/06/18 |
| | | | 4555005.0KIN. | | 15:34 |
| | | 7 | ("4071852" "4271445" "4323909" | USPAT- | 2002/06/18 |
| - | | , | "4451839" "4607274" "4797720" | ODEAL- | 15:35 |
| i | | | | | 15.55 |
| | | _ | "4807011").PN. | USPAT | 2002/06/10 |
| - | | 3 | 4646114.URPN. | USPAT | 2002/06/18 |
| | | | 4441114 ******* | HCDAM | 16:31 |
| - | | 4 | 4441114.URPN. | USPAT | 2002/06/18 |
| | | | | | 16:37 |
| - | | 14 | ("3483441" "3534231" "3584266" | USPAT | 2002/06/18 |
| 1 | | | "3663874" "3745424" "3881179" | | 16:37 |
| | | | "3886579" "4079402" "4127932" | | |
| | | | "4136349" "4142200" "4153904" | | |
| 1 | | | "4326211" "4377816").PN. | | |
| 1 - | | 4 | 4224631.URPN. | USPAT | 2002/06/18 |
| | | 1 | | | 17:27 |
| 1 - | | 3 | ("4051504" "4079402" "4127859").PN. | USPAT | 2002/06/18 |
| | | | | | 17:28 |
| - | | 2 | 3723832.URPN. | USPAT | 2002/06/18 |
| 1 | | | | | 17:29 |
| 1 - | | 153 | (257/605).CCLS. | USPAT; | 2002/06/18 |
| | | | (200, 000, 000, 000, 000, 000, 000, 000, | US-PGPUB; | 17:51 |
| | | | | EPO; JPO; | |
| | | | | IBM TDB | |
| _ | | 91 | (257/606).CCLS. | USPAT; | 2002/06/18 |
| | | | (2377 000) . CCES. | US-PGPUB; | 17:52 |
| | | | | EPO; JPO; | 17.32 |
| | | | | IBM TDB | |
| | | 105 | (257/604).CCLS. | USPAT; | 2002/06/18 |
| - | | 103 | (237/804).0013. | US-PGPUB; | 17:52 |
| 1 | | | | EPO; JPO; | 17:52 |
| 1 | | | | IBM TDB | |
| | | 362 | (257/602) CCTC | USPAT; | 2002/06/18 |
| - | | 362 | (257/603).CCLS. | US-PGPUB; | 17:52 |
| | | | | | 17.32 |
| 1 | | | | EPO; JPO; | |
| | | 140 | ((257/605).CCLS.) not ((257/606).CCLS.) | IBM_TDB USPAT; | 2002/06/18 |
| - | | 142 | ((23//603).CCLS.) HOU ((23//606).CCLS.) | USPAT; US-PGPUB; | |
| | | | | | 10.20 |
| 1 | | | | EPO; JPO; | (|
| | | _ | 4171520 UDDN | IBM_TDB | 2002/05/10 |
| - | | 3 | 4171528.URPN. | USPAT | 2002/06/18 |
| 1 | | _ | (#2524224 #4020447#) | TIGD? T | 18:04 |
| - | | 2 | ("3534231" "4030117").PN. | USPAT | 2002/06/18 |
| | | _ | 4020117 ******* | | 18:04 |
| - | | 5 | 4030117.URPN. | USPAT | 2002/06/18 |
| | | | |] | 18:05 |
| - | | 514 | , , | USPAT; | 2002/06/18 |
| | | | TERASAWA-MASAAKI\$ | US-PGPUB; | 18:10 |
| | | | KAMIGAKI-YOSHIAKI\$).in. | EPO; JPO; | ! |
| | | | | IBM_TDB | |
| - | | 50709 | zener avalanche | USPĀT; | 2002/06/18 |
| | | | | US-PGPUB; | 18:10 |
| | | | | EPO; JPO; |) |
| | | | | IBM TDB | |
| - | | 27 | ((SUGAWARA-TAKESHI\$ FURUSAWA-KAZUNORI\$ | USPAT; | 2002/06/18 |
| 1 | | | TERASAWA-MASAAKI\$ | US-PGPUB; | 18:10 |
| | | | KAMIGAKI-YOSHIAKI\$).in.) and (zener | EPO; JPO; | 1 |
| | | | avalanche) | IBM TDB | |
| L | | l | 1 | | L |

Page 2

| - | 24 | (((SUGAWARA-TAKESHI\$ FURUSAWA-KAZUNORI\$ | USPAT; | 2002/06/18 |
|---|-----|--|-----------|------------|
| | | TERASAWA-MASAAKI\$ | US-PGPUB; | 18:11 |
| | | KAMIGAKI-YOSHIAKI\$).in.) and (zener | EPO; JPO; | |
| | | avalanche)) not ((zener) and | IBM TDB | |
| | | ((minami-shinichi\$ kamigaki-yoshiaki\$ | _ | |
| 1 | | yasuoka-hideki\$ owada-fukuo\$).in.)) | | |
| - | 103 | ((257/604).CCLS.) not ((257/605).CCLS.) | USPAT; | 2002/06/18 |
| | | not ((257/606).CCLS.) | US-PGPUB; | 18:31 |
| | - 4 | | EPO; JPO; | |
| | | The second secon | IBM TDB | |
| - | 325 | ((257/603).CCLS.) not ((257/604).CCLS.) | USPAT; | 2002/06/20 |
| | | not ((257/605).CCLS.) not | US-PGPUB; | 07:10 |
| | | ((257/606).CCLS.) | EPO; JPO; | |
| | | | IBM_TDB | |